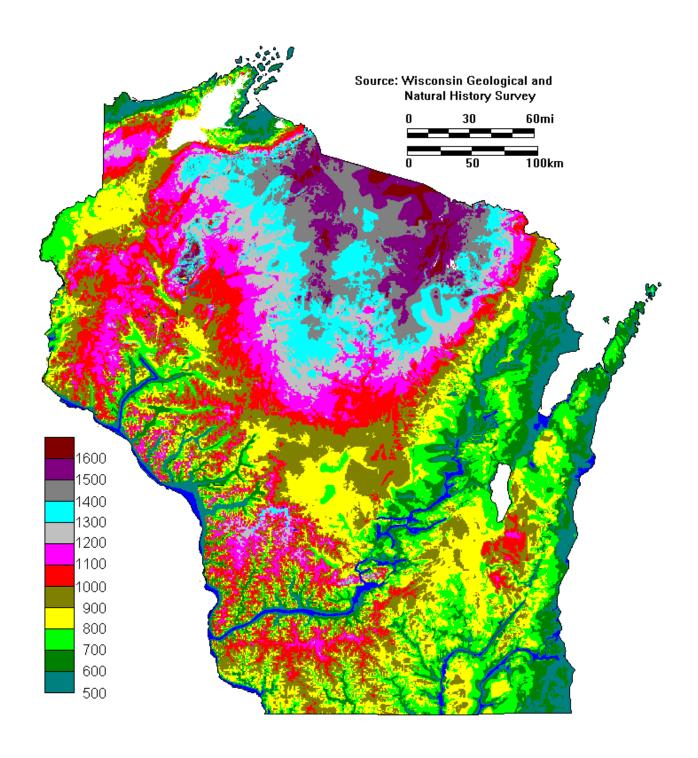
# **F/EF-0 TORNADO GUIDE (1950-2015)**

# FOR NORTH CENTRAL AND NORTHEAST WISCONSIN



# F/EF-0 TORNADO GUIDE (1950-2015)

# FOR NORTH CENTRAL AND NORTHEAST WISCONSIN



# **F/EF-0 TORNADO GUIDE (1950-2015)**

# FOR NORTH CENTRAL AND NORTHEAST WISCONSIN

BROWN MENOMINEE

CALUMET OCONTO

DOOR ONEIDA

FOREST OUTAGAMIE

FLORENCE PORTAGE

KEWAUNEE SHAWANO

LANGLADE VILAS

LINCOLN WAUPACA

MANITOWOC WAUSHARA

MARATHON WINNEBAGO

MARINETTE WOOD

EVENT		DATE		TIME		TOR IN GRB SERVICE AREA
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
1	5	28	1959	1530	6 SW De Pere	Brown
2	6	23	1962	1900	15 E Stevens Point	Portage
3	5	30	1964	1328	Green Bay - Bellevue	Brown
4	7	25	1966	1820	0.5 E Maplewood	Door
5	7	2	1969	1600	Symco	Waupaca
6	5	21	1970	2010	Green Bay - north side	Brown
7	6	17	1970	1835	3 S Wisconsin Rapids	Wood
8	4	22	1971	1730	4 SW Hilbert	Calumet
9	7	30	1971	0700	4 E Oshkosh (waterspout)	Winnebago
10	6	14	1980	1422	5 N Rhinelander	Oneida
11	7	3	1983	1911	5 NE Nekoosa	Wood
12	4	27	1984	0405	Saratoga	Wood
13	7	14	1984	2035	1 SE Peshtigo	Marinette
14	7	26	1984	1300-1310	5 E Oshkosh (waterspout)	Winnebago
15	7	4	1985	1703-1717	1 N Redgranite - 1 SW Pine River	Waushara
16	8	12	1985	1930-1945	1 N Richford	Waushara
17	5	8	1988	1712	3 W Keene	Portage
18	8	1	1988	1820	3 S Hazelhurst	Oneida
19	8	1	1988	1922	2 SE Eagle River	Vilas
20	9	19	1988	1605	1 E Plainfield	Waushara
21	9	19	1988	1637	1 W Edgar	Marathon
22	5	24	1989	2115	1 E Cooperstown	Manitowoc
23	9	14	1991	1800	2 W Green Valley	Shawano
24	6	17	1992	1255	2 NE Denmark	Brown
25	6	8	1993	1838	2.5 S Spring Lake - 2 W Auroraville	Waushara
26	6	8	1993	1915	0.5 E Dakota - 2 S Redgranite	Waushara
27	6	8	1993	1935-1945	5 SE Redgranite - 3 SE Auroraville	Waushara
28	6	8	1993	1735	1 E Pickett	Winnebago
29	8	9	1993	2015	1 N Tripoli	Oneida
30	4	24	1994	1525	3 S Luxemburg	Kewaunee
31	7	4	1994	1649	4 W Fremont	Waupaca
32	6	29	1995	1105	10 SW Kewaunee	Kewaunee
33	4	25	1996	1755-1757	2 W Pensaukee	Oconto
34	6	11	1996	1608-1609	5 NW Chilton	Calumet
35	7	18	1996	1745	5 NE Oshkosh (waterspout)	Winnebago

EVENT		DATE		TIME		
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
36	7	18	1996	1810	5.9 S Chilton	Calumet
37	7	18	1996	1815-1816	2.2 WNW - 1.8 W St Anna	Calumet
38	7	16	1997	1500-1502	4 SW - 4.2 SW Hogarty	Marathon
39	7	16	1997	1500-1501	3 N Sunset	Marathon
40	7	16	1997	1520-1522	2 N - 1.8 N Elderon	Marathon
41	7	16	1997	1641-1642	Hancock	Waushara
42	3	29	1998	1928-1935	3 W - 3 N Tomahawk	Lincoln
43	5	31	1998	0020-0021	4 WSW Mosinee	Marathon
44	6	16	1998	1500	3 WNW Coloma	Waushara
45	8	23	1998	1522	Menasha	Winnebago
46	5	5	1999	1630-1631	1 WNW Tomahawk	Lincoln
47	8	3	1999	1745	3 W Pittsville	Wood
48	5	12	2000	1043	5 WNW St. Nazianz	Manitowoc
49	7	13	2000	1455	1.5 NE Forestville	Door
50	7	27	2000	1907-1910	1.5 W - 1.1 WSW Harmony	Marinette
51	7	27	2000	1930	1.7 W Peshtigo	Marinette
52	8	14	2000	1910	Lake Tomahawk	Oneida
53	9	6	2001	1809-1814	0.3 SSW Pelican Lake to 1.3 NNE Pelican Lake	Oneida
54	4	18	2002	1549	2 W Bradley	Lincoln
55	4	18	2002	1557	6 SW Woodboro	Oneida
56	4	18	2002	1633	4 E Rhinelander	Oneida
57	4	18	2002	1832	6 SSW Wausau Airport	Marathon
58	5	6	2002	1630-1640	5 NW - 2.5 N Winneconne	Winnebago
59	5	6	2002	1702	8 N Oshkosh - Wittman Field	Winnebago
60	7	30	2002	1747-1750	10.5- 9.5 NW Merrill	Lincoln
61	7	30	2002	1808-1828	5 N - 9.5 NE Merrill	Lincoln
62	7	30	2002	1822-1828	3 W - 0.8 W Central Wisconsin Airport	Marathon
63	7	30	2002	1825	8.5 NE Merrill	Lincoln
64	9	2	2002	1704-1706	5.2 W - 5 W Athens	Marathon
65	6	8	2003	1140	4 W Oshkosh - Wittman Field	Winnebago
66	6	8	2003	1220-1226	5 E - 5.5 ESE Oshkosh Wittman Field	Winnebago
67	6	8	2003	1242	4.3 W - 4.1 WSW Brothertown	Calumet
68	6	8	2003	1259-1302	4 S - 4.1 S Marshfield Airport	Wood
69	5	23	2004	0547	2.7 E Reedsville	Manitowoc
70	6	23	2004	1847	Whiting	Portage
71	6	23	2004	2027	Green Bay – northwest	Brown

EVENT		DATE		TIME		TOR IN GRB SERVICE AREA
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
72	7	11	2004	1442-1445	8 SW Harshaw	Oneida
73	7	11	2004	1543	1 W Goodnow	Oneida
74	7	11	2004	1545	Irma	Lincoln
75	7	11	2004	1613	6 W Tomahawk	Lincoln
76	7	11	2004	1613	6 W Tomahawk	Lincoln
77	7	11	2004	1640	4 W Tomahawk	Lincoln
78	5	6	2005	1524-1525	7 ESE - 7.8 ESE Oshkosh - Wittman Field	Winnebago
79	5	6	2005	1525-1529	5 WSW - 3.7 SW Brothertown	Calumet
80	6	4	2005	1354	1 E - 1.1 ENE Auroraville	Waushara
81	6	4	2005	1405	2 NW Borth	Waushara
82	6	4	2005	1527	4 W - 4.5 WNW Edgar	Marathon
83	6	4	2005	1539-1542	1 W - 1.5 NW Athens	Marathon
84	6	4	2005	1706	4 S Athens	Marathon
85	6	4	2005	1720	3 W Marathon	Marathon
86	6	4	2005	1918	7 S Hogarty	Marathon
87	6	9	2005	1740-1750	5 SE - 5 E Oshkosh	Winnebago
88	6	9	2005	1814	4 NW Stockbridge	Calumet
89	6	10	2005	1303	4 W Mosinee	Marathon
90	6	10	2005	1505	1 N Winneconne	Winnebago
91	6	10	2005	1510	2 W Clintonville	Waupaca
92	6	10	2005	1910	4 ESE Oshkosh	Winnebago
93	6	10	2005	1922	3 E Oshkosh	Winnebago
94	6	10	2005	1948	3 E Oshkosh	Winnebago
95	6	13	2005	1449-1450	4.1 NNE - 4 NNE Black Creek	Outagamie
96	8	18	2005	1732	6 WSW - 3.7 SW Wautoma	Waushara
97	8	18	2005	1838-1841	4 SSW to 3.4 SW New London	Waupaca
98	8	18	2005	1840-1848	4.5 W - 2.6 NW Neenah	Winnebago
99	9	13	2005	1709-1712	De Pere to Allouez	Brown
100	6	24	2006	1614-1615	4 W Sherwood	Calumet
101	6	3	2007	1811	1.6 ESE Shawano	Shawano
102	6	7	2007	1526	2.2 W - 2.1 W Wisconsin Rapids Airport	Wood
103	5	25	2008	2000-2001	3 ENE Knowlton	Marathon
104	7	29	2008	1527	3.6 NW Granite Heights	Marathon
105	108	7	29	2008	1559-1600	6.3 NNW of Kalinke
106	109	7	29	2008	1744-1749	4.2 SE Nasonville to 4.7 WNW Bethel

EVENT		DATE		TIME		TOR IN GRB SERVICE AREA
#	MONTH	DAY	YEAR	(LST)	DIRECTION / LOCATION	COUNTY OR COUNTIES
107	5	4	2010	1813-1817	2.2 SSW Winchester to 0.8 NNW Larsen	Winnebago
108	7	14	2010	1618-1619	2.5 WSW Veedum – 2.2 WSW Veedum	Wood
109	5	22	2011	1805	5 NE Algoma	Kewaunee
110	8	23	2011	1658	0.3 NW Arpin	Wood
111	8	23	2011	1756-1757	0.9 – 1.1 SE Briarton	Shawano
112	8	23	2011	2005-2006	0.8 ENE – 1.3 E Sherwood	Calumet
113	5	24	2012	1801-1807	3.7 SSE – 4.8 ENE Marathon	Marathon
114	8	9	2012	1210-1220	6 S Kewaunee	Kewaunee
115	8	9	2012	1225-1235	6 S Kewaunee	Kewaunee
116	9	18	2012	1701	3 W Sister Bay	Door
117	7	9	2013	1359-1404	0.5 NE Schultz - 3.9 W Bloomville	Lincoln
118	7	9	2013	1432-1456	10.8 S Parrish - 3.1 W Deerbrook	Langlade
119	7	9	2013	1644-1645	4.2 S Bancroft	Portage
120	7	9	2013	1850-1854	4.4 NNE Oconto to 5.2 NNE Oconto	Oconto
121	7	27	2014	1805	3.5 SE Oshkosh Wittman Field (waterspout)	Winnebago
122	8	18	2014	1523-1525	3.3 NE Winchester – 4.0 NNE Larsen	Winnebago
123	5	17	2015	1431-1440	1.6 WSW Morgan - 3.4 NE Morgan	Shawano
124	6	15	2015	1409-1410	1.5 NNW Glenmore - 1.4 NNW Glenmore	Brown
125	7	6	2015	1603-1604	1.1 E Pella Airport	Shawano
126	7	6	2015	1656-1703	2.2 ENE – Gillette – 2.6 SSW Kelly Brook	Oconto

#### GREEN BAY FORECAST AREA TORNADOES

Event 1: May 28, 1959

The F/EF-0 tornado touched down 6 miles southwest of De Pere in Brown County around 3:30 pm CST.

Event 2: June 23, 1962

The F/EF-0 tornado touched down 15 miles east of Stevens Point in Portage County around 7 pm CST.

Event 3: May 30, 1964

The F/EF-0 tornado momentarily touched down in a field northeast of Bellevue in Brown County around 1:28 pm CST. The tornado was less than 50 yards wide and travelled about a mile before dissipating.

#### Event 4: July 25, 1966:

The F/EF-0 tornado touched down about a half mile east of Maplewood in Door County around 6:20 pm CST. The tornado was 20 yards wide and travelled approximately two miles. An interesting note to the local storm report from July 1966 indicated a strong waterspout was noted over the Bay of Green Bay. According to the local storm report, a waterspout lifted several boats out of the water dropping one on a car at Ephraim. It also dropped twelve large trees down at Gordon Lodge. This tornado/waterspout was not documented in this study.

#### Event 5: July 2, 1969

The F/EF-0 tornado touched down in Symco in Waupaca County around 4 pm CST. The tornado was 100 yards wide and travelled 4.3 miles before dissipating. The tornado produced extensive damage to buildings on the Howard Winter farm between Manawa and Big Falls. Utility wires were also damaged along Highway 22 near Symco.

#### Event 6: May 21, 1970:

An airplane pilot reported the F/EF-0 tornado just northeast of Green Bay along the shores of the bay of Green Bay in Brown County around 8:10 pm CST. The tornado became a waterspout about four miles northeast of Green Bay. The tornado/waterspout was less than 50 yards wide and was on the ground for about two miles

#### Event 7: June 17, 1970

The F/EF-0 touched down briefly 3 miles south of Wisconsin Rapids in Wood County around 6:35 pm CST. The tornado was 100 yards wide and only travelled a tenth of a mile. According to the monthly storm report, the tornado touched down in open country.

#### Event 8: April 22, 1971

The F/EF-0 tornado touched down briefly 4 miles southwest of Hilbert in Calumet County around 5:30 pm CST. The tornado was 25 yards wide and travelled three tenths of a mile.

#### Event 9: July 30, 1971

Numerous waterspouts (F/EF-0) were reported about 4 miles east of Oshkosh in Winnebago County around 7 am CST. The waterspouts formed east of Oshkosh as cold air with large cyclonic vorticity moved over the warm lake according to the monthly storm report

#### Event 10: June 14, 1980

The F/EF-0 tornado was reported 5 miles north of Rhinelander by the Oneida County sheriff's department at 2:22 pm CST. The brief tornado touched down in a rural area. There was no documentation on path length or width of the tornado.

#### GREEN BAY FORECAST AREA TORNADOES

#### Event 11: July 3, 1983:

The F/EF-0 tornado briefly touched down 5 miles northeast of Nekoosa in Wood County around 7:11 pm CST. The tornado was approximately 10 yards wide and travelled three tenths of a mile before dissipating.

#### Event 12: April 27, 1984:

The F/EF-0 tornado briefly touched down in the township of Saratoga in Wood County around 4:05 am CST. The tornado was 50 yards wide and travelled a mile before dissipating. Numerous trees were downed and some residential damage occurred. Hail the size of three quarters of an inch also fell during the storm.

### Event 13: July 14, 1984

The F/EF-0 touched down near County trunks BB and B one mile southeast of Peshtigo in Marinette County around 8:35 pm CST. The tornado was 25 yards wide and travelled only a tenth of a mile. Numerous trees and power lines were downed and there was minor damage to a home.

### Event 14: July 26, 1984

A waterspout (F/EF-0) was noted 5 miles east of Oshkosh on Lake Winnebago in Winnebago County between 1 pm and 1:10 pm CST.

#### Event 15: July 4, 1985:

The F/EF-0 tornado touched down one mile north of Redgranite in Waushara County around 5:03 pm CST. The tornado was 50 yards wide and skipped along for 5 miles before dissipating one mile southwest of Pine River around 5:17 pm CST. The tornado damaged a house one mile southwest of Pine River. The storm also produced hail up to three and a half inches in the Richford and Hancock areas. The large hail dented 47 new cars at a dealership in Coloma.

#### Event 16: August 12, 1985

The F/EF-0 tornado touched down one mile north of Richford in Waushara County around 7:30 pm CST. The tornado was 100 yards wide and travelled a half mile before dissipating. The tornado flattened 2 barns, damaged 5 homes and leveled many trees. Several sheds in Richford were destroyed and extensive window and roof damaged occurred.

#### Event 17: May 8, 1988

The F/EF-0 tornado touched down in rural areas 3 miles west of Keene in Portage County around 5:12 pm CST. The tornado was 25 yards wide and travelled a mile before dissipating.

#### Event 18: August 1, 1988

A brief tornado (F/EF-0) occurred 3 miles south of Hazelhurst in Oneida County around 6:20 pm CST. The tornado was 25 yards wide and only travelled a tenth of a mile. The tornado damaged some trees.

#### GREEN BAY FORECAST AREA TORNADOES

#### Event 19: August 1, 1988

A brief tornado (F/EF-0) occurred 2 miles southeast of Eagle River in Vilas County around 7:22 pm CST. The tornado was 25 yards wide and travelled three tenths of a mile. The tornado damaged some trees.

#### **Event 20: September 19, 1988**

A brief tornado (F/EF-0) developed one mile east of Plainfield in Waushara County at 4:05 pm CST. The tornado was 25 yards wide and only travelled a tenth of a mile. Little damage noted in the monthly storm report.

#### **Event 21: September 19, 1988**

A brief tornado (F/EF-0) developed one mile west of Edgar in Marathon County at 4:37 pm CST. The tornado was 25 yards wide and only travelled a tenth of a mile. Little damage noted in the monthly storm report.

#### Event 22: May 24, 1989

A brief tornado (F/EF-0) touched down one mile east of Cooperstown in Manitowoc County at 9:15 pm CST. The tornado was 50 yards wide and travelled two tenths of a mile before dissipating.

#### **Event 23: September 14, 1991**

The F/EF-0 tornado touched down briefly 2 miles west of Green Valley in Shawano County around 6:00 pm CST. The tornado was 25 yards wide and only travelled a tenth of a mile. Damage was confined to some trees and a pair of sheds.

#### Event 24: June 17, 1992

The F/EF-0 tornado briefly touched down in an open field 2 miles northeast of Denmark in Brown County around 12:55 pm CST. The tornado was 25 yards wide and only travelled a tenth of a mile.

#### Event 25: June 8, 1993

Three weak tornadoes touched down across Waushara County on the evening of June 8<sup>th</sup>. The F/EF-0 tornado developed two and a half miles south of Spring Lake around 6:38 pm CST. The tornado was 25 yards wide and travelled 8 miles before dissipating at 6:55 pm CST two miles west of Auroraville. Only minor damage was noted.

#### Event 26: June 8, 1993

Three weak tornadoes touched down across Waushara County on the evening of June 8<sup>th</sup>. The F/EF-0 tornado developed a half mile east of Dakota around 7:15 pm CST. The tornado was 35 yards wide and travelled 12 miles before dissipating around 7:35 pm CST two miles south of Redgranite. Only minor damage was noted.

#### Event 27: June 8, 1993

Three weak tornadoes touched down across Waushara County on the evening of June 8<sup>th</sup>. The F/EF-0 tornado touched down 5 miles southeast of Redgranite around 7:35 pm CST. The tornado was 25 yards wide and travelled 6 miles before dissipating at 7:45 pm three miles southeast of Auroraville. Only minor damage was noted.

#### GREEN BAY FORECAST AREA TORNADOES

Event 28: June 8, 1993

The F/EF-0 small tornado briefly touched down in an open filed one mile east of Pickett in Winnebago County around 5:35 pm CST. The tornado was 25 yards wide and travelled a tenth of a mile.

### Event 29: August 9, 1993

The F/EF-0 tornado touched down one mile north of Tripoli in Oneida County around 8:15 pm CST. The tornado was 50 yards wide and travelled three tenths of a mile. Little damaged was noted with this tornado.

#### Event 30: April 24, 1994

The F/EF-0 tornado touched down 3 miles south of Luxemburg in Kewaunee County around 3:25 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. No damage was reported with this storm.

#### Event 31: July 4, 1994

The F/EF-0 tornado touched down 4 miles west of Fremont in Waupaca County around 4:49 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The tornado did not produce any significant damage.

#### Event 32: June 29, 1995

The F/EF-0 tornado touched down 10 miles southwest of Kewaunee in Kewaunee County around 11:05 am CST. The tornado was 10 yards wide and travelled a tenth of a mile. The weak tornado touched down only for a few seconds in southern Kewaunee County. Minimal crop damage was reported since this brief tornado occurred in open rural country. The tornado appeared to form on the Lake Michigan lake breeze.

#### Event 33: April 25, 1996

A cold-core F/EF-0 tornado briefly touched down 2 miles west of Pensaukee in Oconto County around 5:55 pm CST. The tornado was 40 yards wide and travelled a tenth of a mile before dissipating around 5:57 pm CST. Several 6 to 8 inches diameter birch trees were knocked down.

#### Event 34: June 11, 1996

The F/EF-0 tornado briefly touched down 5 miles northwest of Chilton in Calumet County near the intersection of County Trunk BB and Killsnake Road around 4:08 pm CST. The tornado was 30 yards wide and was on the ground for a tenth of a mile before dissipating around 4:09 pm CST. The tornado threw a pile of lumber 30 feet in the air, tore shingles off of a shed and broke a window.

#### Event 35: July 18, 1996

A waterspout (F/EF-0) was spotted 5 miles east of Oshkosh over Lake Winnebago in Winnebago County around 5:45 pm CST.

#### Event 36: July 18, 1996

The F/EF-0 developed 5.9 miles south of Chilton in Calumet County around 6:10 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The tornado moved over a squad car, violently shaking it about. The tornado flattened portions of two nearby wheat fields.

#### GREEN BAY FORECAST AREA TORNADOES

Event 37: July 18, 1996

The F/EF-0 tornado developed 2.2 miles west northwest of St. Anna in Calumet County around 6:15 pm CST. The tornado was 50 yards wide and travelled a half mile before dissipating 1.8 miles west of St. Anna around 6:16 pm CST. The tornado damaged one farm, numerous trees and some crops. Calf houses at the farm were thrown 1,000 feet. The tornado entered Fond Du Lac County 1.6 miles southeast of Jericho and then reentered Calumet County 2.2 west north of St. Anna.

### Event 38: July 16, 1997

The F/EF-0 tornado developed 4 miles southwest of Hogarty in Marathon County around 3 pm CST. The tornado was 75 yards wide and travelled two tenths of a mile before dissipating 4.2 miles southwest of Hogarty around 3:01 pm CST.

#### Event 39: July 16, 1997

The F/EF-0 tornado touched down 3 miles north of Sunset in Marathon County around 3 pm CST. The tornado was 15 yards wide and was on the ground for a tenth of a mile before dissipating at 3:01 pm CST.

#### Event 40: July 16, 1997

The F/EF-0 tornado touched down 2 miles north of Elderon in Marathon County around 3:20 pm CST. The tornado was 75 yards wide and travelled two tenths of a mile before dissipating 1.8 miles north of Elderon around 3:22 pm CST.

#### Event 41: July 16, 1997

The F/EF-0 tornado touched down in Hancock in Waushara County at 4:41 pm CST. The tornado was 10 yards wide and travelled a tenth of a mile before dissipating at 4:42 pm CST. The tornado touched down in an open field in Hancock.

#### Event 42: March 29, 1998

The F/EF-0 tornado touched down in 3 miles west of Tomahawk in Lincoln County at 7:28 pm CST. The tornado was 75 yards wide and travelled four and a half miles before dissipating 3 miles north of Tomahawk at 7:35 pm CST. The tornado damaged several sheds, garages and a pole building west of Tomahawk. The storm also downed many power poles, disrupting power to thousands of customers.

#### Event 43: May 31, 1998

A brief F/EF-0 tornado touched down 4 miles west southwest of Mosinee in Marathon County at 12:20 am CST. The tornado was 50 yards wide and was on the ground for two tenths of a mile before it dissipated 3.8 miles west southwest of Mosinee at 12:21 am CST.

#### Event 44: June 16, 1998

The F/EF-0 was designated a landspout in the monthly storm report. The tornado touched down 3 miles west northwest of Coloma in Waushara County at 3 pm CST. The tornado was 20 yards wide and was on the ground for a tenth of a mile. No damage was reported.

#### Event 45: August 23, 1998

A brief F/EF-0 tornado touched down near Menasha in Winnebago County at 3:22 pm CST. The tornado was 10 yards wide and travelled a tenth of a mile before dissipating. No damage was noted on the monthly storm report.

#### GREEN BAY FORECAST AREA TORNADOES

Event 46: May 5, 1999

The F/EF-0 tornado touched down one mile west northwest of Tomahawk in Lincoln County at 4:30 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile before dissipating at 4:31 pm CST.

#### Event 47: August 3, 1999

The F/EF-0 tornado briefly touched down 3 miles west of Pittsville in Wood County at 5:45 pm CST. The tornado was 10 yards wide and was on the ground for a tenth of a mile. The tornado knocked down trees 3 miles west of Pittsville.

#### Event 48: May 12, 2000:

A brief (F/EF-0) tornado touched down 5 miles west northwest of St. Nazianz in Manitowoc County at 10:43 am CST. The tornado was 50 yards wide and was on the ground for a tenth of a mile. No damage was reported with the tornado. The thunderstorms that produced the tornado were some of the most devastating thunderstorms to move across northeast Wisconsin. The combination of 100 mph straight line winds and 2 inch hail produced very serious damage in St. Nazianz. Thirty people were injured by the storm in Manitowoc County with 100 homes destroyed by the wind and hail.

#### Event 49: July 13, 2000

The F/EF-0 tornado touched down 1.5 miles northeast of Forestville in Door County at 2:55 pm CST. The tornado was 50 yards wide and was on the ground for a tenth of a mile. The monthly local storm report did not indicate any damage.

#### Event 50: July 27, 2000

The F/EF-0 tornado first touched down 1.5 miles west of Harmony in Marinette County at 7:07 pm CST. The tornado was 50 yards wide and was on the ground for four tenths of a mile before it dissipated 1.1 miles west southwest of Harmony at 7:10 pm CST. Another tornado (F/EF-0) occurred at 7:30 pm CST 1.7 miles west of Peshtigo. The first tornado report was received even before the storm became visible on radar.

#### Event 51: July 27, 2000

A brief F/EF-0 tornado touched down 1.7 miles west of Peshtigo in Marinette County at 7:30 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile.

#### Event 52: August 14, 2000

A brief F/EF-0 tornado touched down at Lake Tomahawk in Oneida County at 7:10 pm CST. The tornado was 25 yards wide and was on the ground a tenth of a mile. The tornado damaged trees in the Lake Tomahawk area.

#### **Event 53: September 6, 2001**

The F/EF-0 tornado touched down three tenths of a mile south southwest of Pelican Lake in Oneida County around 6:09 pm CST. The tornado was 30 yards wide and was on the ground for a half mile before dissipating 1.3 miles north northeast of Pelican Lake around 6:14 pm CST. The tornado caused minor damage to the Pelican Lake Supper Club, blew the roof off a nearby house and destroyed a garage. The tornado also caused minor damage to the Pelican Lake Town Hall and uprooted several trees.

#### GREEN BAY FORECAST AREA TORNADOES

#### Event 54: April 18, 2002

A brief F/EF-0 tornado touched down 2 miles west of Bradley in Lincoln County at 3:49 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The tornado snapped several trees.

#### Event 55: April 18, 2002

A brief F/EF-0 tornado touched down 6 miles southwest of Woodboro in Oneida County at 3:57 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The tornado snapped several trees.

#### Event 56: April 18, 2002

A brief F/EF-0 tornado touched down 4 miles east of Rhinelander in Oneida County around 4:33 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The tornado snapped several trees.

#### Event 57: April 18, 2002

A brief F/EF-0 tornado touched down 6 miles south southwest of the Wausau Airport in Marathon County around 6:32 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The tornado snapped several trees.

#### Event 58: May 6, 2002

The F/EF-0 tornado touched down 5 miles northwest of Winneconne in Winnebago County around 4:30 pm CST. The tornado was 50 yards wide and travelled four miles on the ground before dissipating 2.5 miles north of Winneconne around 4:40 pm CST. The tornado moved across Lake Winneconne.

#### Event 59: May 6, 2002

A brief F/EF-0 tornado touched down 8 miles north of Wittman Field in Oshkosh in Winnebago County at 5:02 pm CST. The tornado was 20 yards wide and was only on the ground for a tenth of a mile. No damage was noted with the tornado.

#### Event 60: July 30, 2002

The F/EF-0 tornado touched down ten and a half miles west of Merrill in Lincoln County around 5:47 pm CST. The tornado was 150 yards wide and skipped along the ground for 1.2 miles before dissipating nine and a half miles west of Merrill around 5:50 pm CST.

#### Event 61: July 30, 2002

The F/EF-0 tornado developed 5 miles north of Merrill in Lincoln County at 6:08 pm CST. The tornado was 200 yards wide and travelled on the ground for 9 miles before dissipating nine and a half miles northeast of Merrill at 6:28 pm CST. The tornado destroyed a barn and another structure, tearing roofs from some buildings and moving others from their foundation.

#### Event 62: July 30, 2002

The F/EF-0 tornado developed 3 miles west of the Central Wisconsin Airport in Marathon County at 6:22 pm CST. The tornado was 100 yards wide and travelled just over 2 miles on the ground before dissipating eight tenths of a mile west of the Central Wisconsin Airport at 6:28 pm CST. The tornado caused significant tree damage on a hill east of the Wisconsin River.

#### GREEN BAY FORECAST AREA TORNADOES

Event 63: July 30, 2002

The F/EF-0 tornado formed 8.5 miles northeast of Merrill in Lincoln County at 6:25 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The tornado demolished a mobile home and snapped trees and tree limbs.

#### Event 64: September 2, 2002

The F/EF-0 tornado touched down 5.2 miles west of Athens in Marathon County at 5:04 pm CST. The tornado was 75 yards wide and was on the ground for two tenths of a mile before dissipating at 5:06 pm CST. The tornado caused minimal damage.

#### Event 65: June 8, 2003

A brief F/EF-0 tornado touched down 4 miles west of Oshkosh in Winnebago County at 11:40 am CST. The tornado was 15 yards wide and travelled a tenth of a mile before dissipating.



Event 66: June 8, 2003

A waterspout (F/EF-0) was photographed about 5 miles east of Oshkosh Wittman Field in Winnebago County at 12:20 pm CST. The waterspout was 40 yards wide and travelled a half mile before dissipating 5.5 miles east southeast of Oshkosh Wittman Field. The waterspout was observed by numerous participants of a fishing tournament that was taking place on the lake.

Photo by Troy Peterson

#### Event 67: June 8, 2003

A waterspout (F/EF-0) was reported 4.3 miles west of Brothertown in Calumet County at 12:42 pm CST. The waterspout was 40 yards wide and travelled four tenths of a mile before dissipating 4.1 miles west southwest of Brothertown at 12:46 pm CST.

#### Event 68: June 8, 2003

The F/EF-0 tornado touched down 4 miles south of the Marshfield Municipal Airport in Marshfield in Wood County at 12:59 pm CST. The tornado was 50 yards wide and travelled a tenth of a mile before dissipating 4.1 miles south of the Marshfield Municipal Airport at 1:02 pm CST. The tornado tore siding from a garage, broke windows, destroyed a play house and dog house, and blew two 50 pound barrels 200 yards away.

#### Event 69: May 23, 2004

The F/EF-0 tornado touched down 2.7 miles east of Reedsville in Manitowoc County at 5:47 am CST. The tornado was 75 yards wide and was on the ground for a tenth of a mile. The tornado damaged shingles and siding on a house and snapped trees and large branches.

#### GREEN BAY FORECAST AREA TORNADOES

#### Event 70: June 23, 2004

The F/EF-0 tornado touched down in Whiting in Portage County at 6:47 pm CST. The tornado was 10 yards wide and was on the ground for a tenth of a mile. The tornado caused minor tree damage in an industrial park in Whiting. Eyewitnesses observed water being sucked out of a pond at the same time as doors to an office were sucked open.

#### Event 71: June 23, 2004

A brief F/EF-0 tornado touched down on the northwest side of Green Bay in Brown County at 8:27 pm CST. The tornado was 10 yards wide and travelled a tenth of a mile. The tornado caused some tree damage.

#### Event 72: July 11, 2004

A brief F/EF-0 tornado touched down 8 miles southwest of Harshaw in Oneida County at 2:42 pm CST. The tornado was 60 yards wide and was on the ground for two tenths of a mile before dissipating at 2:45 pm CST. The tornado topped numerous trees onto power lines and damaged a pontoon boat.

#### Event 73: July 11, 2004

A brief F/EF-0 tornado touched down one mile west of Goodnow in Oneida County at 3:43 pm CST. The tornado was 10 yards wide and was on the ground for a tenth of a mile.

#### Event 74: July 11, 2004

A brief F/EF-0 tornado touched down in Irma in Lincoln County at 3:45 pm CST. The tornado was 10 yards wide and was on the ground for a tenth of a mile.

#### Event 75: July 11, 2004

A brief F/EF-0 tornado touched down 6 miles west of Tomahawk in Lincoln County at 4:13 pm CST. The tornado was 10 yards wide and was on the ground for a tenth of a mile. A pair of tornadoes touched down simultaneously west of the Tomahawk Airport.

#### Event 76: July 11, 2004

A brief F/EF-0 tornado touched down 6 miles west of Tomahawk in Lincoln County at 4:13 pm CST. The tornado was 10 yards wide and was on the ground for a tenth of a mile. A pair of tornadoes touched down simultaneously west of the Tomahawk Airport.

#### Event 77: July 11, 2004

A brief F/EF-0 tornado touched down 4 miles west of Tomahawk in Lincoln County at 4:40 pm CST. The tornado was 10 yards wide and was on the ground for a tenth of a mile.

#### Event 78: May 6, 2005

The F/EF-0 waterspout touched down 7 miles east southeast of Oshkosh Wittman Field in Winnebago County at 3:24 pm CST. The waterspout was 50 yards wide and was on the ground for eight tenths of a mile before dissipating 7.8 miles east southeast of Oshkosh Wittman Field at 3:25 pm CST.

#### GREEN BAY FORECAST AREA TORNADOES

#### Event 79: May 6, 2005

The F/EF-0 waterspout touched down 5 miles west southwest of Brothertown in Calumet County at 3:25 pm CST. The water spout was 50 yards wide and was on the water for over a mile and a half before dissipating 3.7 miles southwest of Brothertown at 3:29 pm CST.

#### Event 80: June 4, 2005

The F/EF-0 touched down one mile east of Auroraville in Waushara County at 1:54 pm CST. The tornado was 75 yards wide and was on the ground for two tenths of a mile. No significant damage was noted from this tornado.

#### Event 81: June 4, 2005

The F/EF-0 touched down 2 miles northwest of Borth in Waushara County at 2:05 pm CST. The tornado was 50 yards wide and was on the ground for a tenth of a mile. No significant damage was noted from this tornado.

#### Event 82: June 4, 2005

The F/EF-0 touched down 4 miles west of Edgar in Marathon County at 3:27 pm CST. The tornado was 75 yards wide and was on the ground for 1.2 miles before dissipating four and a half miles west northwest of Edgar at 3:29 pm CST. No damage was noted in the month storm report for this tornado.

#### Event 83: June 4, 2005

The F/EF-0 touched down a mile west of Athens in Marathon County at 3:39 pm CST. The tornado was 100 yards wide and was on the ground for 1.3 miles before the tornado dissipated a mile and a half northwest of Athens at 3:42 pm CST. The tornado downed some trees, flattened a barn and tore the roof from another barn.

#### Event 84: June 4, 2005

The F/EF-0 touched down 4 miles south of Athens in Marathon County at 5:06 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The monthly local storm report did not indicate any damage from this tornado.

#### Event 85: June 4, 2005

The F/EF-0 touched down 3 miles west of Marathon in Marathon County at 5:20 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The monthly local storm report did not indicate any damage from this tornado.

#### Event 86: June 4, 2005

The F/EF-0 touched down 7 miles south of Hogarty in Marathon County at 7:18 pm CST. The tornado was 25 yards wide and was on the ground for a tenth of a mile. The monthly local storm report did not indicate any damage from this tornado.

#### Event 87: June 9, 2005

A waterspout (F/EF-0) touched down 5 miles southeast of Oshkosh on Lake Winnebago in Winnebago County at 5:40 pm CST. The waterspout was 40 yards wide and travelled 3 miles before dissipating 5 miles east of Oshkosh at 5:50 pm CST.

#### GREEN BAY FORECAST AREA TORNADOES

Event 88: June 9, 2005

A waterspout (F/EF-0) touched down 4 miles northwest of Stockbridge on Lake Winnebago in Calumet County at 6:14 pm CST. The waterspout was 25 yards wide and was on the water for a tenth of a mile.

### Event 89: June 10, 2005

The F/EF-0 tornado touched down 4 miles west of Mosinee in Marathon County at 1:03 pm CST. The tornado was 20 yards wide and was on the ground for a tenth of a mile. No damage was noted in the monthly storm data.

#### Event 90: June 10, 2005

The F/EF-0 tornado touched down one mile north of Winneconne in Winnebago County at 3:05 pm CST. The tornado was 20 yards wide and was on the ground a tenth of a mile.

#### Event 91: June 10, 2005

The F/EF-0 tornado touched down 2 miles west of Clintonville in Waupaca County at 3:10 pm CST. The tornado was 20 yards wide and was on the ground a tenth of a mile.

#### Event 92: June 10, 2005

A waterspout (F/EF-0) was reported 4 miles east southeast of Oshkosh on Lake Winnebago in Winnebago County at 7:10 pm CST. The waterspout was 20 yards wide and was on the water a tenth of a mile. This was one of 3 waterspouts reported on Lake Winnebago on this evening.

#### Event 93: June 10, 2005

A waterspout (F/EF-0) was reported 3 miles east southeast of Oshkosh on Lake Winnebago in Winnebago County at 7:22 pm CST. The waterspout was 20 yards wide and was on the water a tenth of a mile. This was one of 3 waterspouts reported on Lake Winnebago on this evening.

#### Event 94: June 10, 2005

A waterspout (F/EF-0) was reported 3 miles east southeast of Oshkosh on Lake Winnebago in Winnebago County at 7:48 pm CST. The waterspout was 20 yards wide and was on the water a tenth of a mile. This was one of 3 waterspouts reported on Lake Winnebago on this evening.

#### Event 95: June 13, 2005

The F/EF-0 tornado touched down 4 miles north northeast of Black Creek in Outagamie County at 2:49 pm CST. The tornado was 75 yards wide and was on the ground two tenths of a mile before it dissipated 4.1 miles north northeast of Black Creek. The tornado knocked down a tree and caused damage to shingles at a residence.

### Event 96: August 18, 2005

The F/EF-0 tornado touched down 6 miles west southwest of Wautoma in Waushara County at 5:32 pm CST. The tornado was 80 yards wide and was on the ground for two miles before dissipating 3.7 miles south of Wautoma at 5:36 pm CST. The tornado snapped off or uprooted many trees and caused damage to a few buildings and some farm equipment. A tree fell onto a large pole building, causing major damage to one of its sides. A porch at a residence was destroyed by a fallen tree limb; while a portion of the metal roof of a barn was torn from it and thrown about 200 feet. An irrigation system was also damaged.

#### GREEN BAY FORECAST AREA TORNADOES

#### Event 97: August 18, 2005

The F/EF-0 tornado touched down 4 miles south southwest of New London in Waupaca County at 6:38 pm CST. The tornado was 40 yards wide and was on the ground for 1.2 miles before dissipating 3.4 miles southwest of New London at 6:41 pm CST. The tornado snapped large trees and a few buildings in its path. The tornado shifted a large barn, destroyed a small metal shed and threw it about a quarter of a mile. An outbuilding was overturned and thrown 30 to 40 feet into a stand of trees.

#### Event 98: August 18, 2005

The F/EF-0 tornado touched down four and a half miles west of Neenah in Winnebago County at 6:40 pm CST. The tornado was 50 yards wide and was on the ground for four miles before dissipating 2.6 miles northwest of Neenah at 6:48 pm CST. The tornado downed trees, stripping some siding from a home and destroying a corn crib.

#### **Event 99: September 13, 2005**

The F/EF-0 tornado touched down in De Pere in Brown County at 5:09 pm CST. The tornado was 50 yards wide and the brief touchdowns lasted for 1.9 miles before the tornado dissipated in Allouez just north of Heritage Hill State Park at 5:12 pm CST. The tornado's occasional brief touchdowns topped numerous trees. Some of the trees caused damage to buildings and vehicles when they fell. The tornado caused little direct structural damage to any buildings.

#### Event 100: June 24, 2006

A waterspout (F/EF-0) was reported 4 miles west of Sherwood on Lake Winnebago in Calumet County at 4:14 pm CST. The waterspout remained nearly stationary for a minute before dissipating.

#### Event 101: June 3, 2007

A brief landspout (F/EF-0) was reported about 2 miles east southeast of Shawano in Shawano County at 6:11 pm CST. The landspout lasted 20 seconds and was observed and photographed. No damage was reported.

#### Event 102: June 7, 2007

The F/EF-0 tornado touched down 2 miles south of Wisconsin Rapids in Wood County at 3:26 pm CST. The brief tornado was seen by a storm chaser. The same storm also produced hail up to 5.5 inches in diameter in Port Edwards and Wisconsin Rapids.

#### Event 103: May 25, 2008

The F/EF-0 tornado touched down 3 miles east northeast of Knowlton in Marathon County at 8 pm CST. The tornado was 10 yards wide and was on the ground for a tenth of a mile before dissipating at 8:01 pm CST. Several apple trees were damaged in a narrow path. A pine tree fell on a shed as well. The tornado was on the ground for less than 30 seconds

### Event 104: July 29, 2008

The F/EF-0 tornado briefly touched down 3.6 miles northwest of Granite Heights in Marathon County at 3:27 pm CST. The tornado was 15 yards wide and travelled a tenth of a mile. Law enforcement witnessed the brief tornado touchdown north of Brokaw near the Lincoln County border. No damage was reported.

#### GREEN BAY FORECAST AREA TORNADOES

Event 105: July 29, 2008

The F/EF-0 tornado briefly touched down 6.2 miles north northwest of Kalinke in Marathon County at 3:59 pm CST. The tornado was 25 yards wide and travelled a quarter of a mile before dissipating at 4 pm CST. The tornado touched down just south of County Line Road near County Road Q. Several trees in an open field were knocked over.

#### Event 106: July 29, 2008

The F/EF-0 tornado touched down 4.2 miles southeast of Nasonville in Wood County at 5:44 pm CST. The tornado was 25 yards wide and travelled a mile and a half before dissipating 4.7 miles west of Bethel at 5:49 pm CST. The tornado touched down north of Pittsville, tearing leaves and twigs from tops of trees. The tornado was seen by a county sheriff.

#### Event 107: May 4, 2010

The F/EF-0 tornado touched down 2.2 miles south southwest of Winchester in Winnebago County at 6:13 pm CST. The tornado was 100 yards wide and travelled 3.4 miles before dissipating 0.8 miles north northwest of Larsen at 6:17 pm CST. The tornado damaged several structures. It destroyed a shed, swirling 2 by 4's in the air. The 2 by 4's struck a house, damaging the roof. The tornado threw a trailer about 200 yards into a field and ripped siding off a garage. A small camper was knocked over.

#### Event 108: July 14, 2010

The F/EF-0 tornado touched down 2.5 miles west southwest of Veedum in Wood County at 4:18 pm CST. The tornado travelled a quarter of a mile and was 50 yards wide before it dissipated 2.2 miles west southwest of Veedum. The brief tornado was reported by the public and confirmed by local emergency management about 5 miles west of Pittsville. A dozen trees were knocked down and several large tree limbs fell onto a house. Wind speed estimated at 80 mph.

#### Event 109: May 22, 2011

A waterspout was observed over Lake Michigan about 5 miles northeast of Algoma.

#### Event 110: August 23, 2011

The F/EF-0 tornado was witnessed by local law enforcement. The tornado touched down for less than 10 seconds in a corn field. A couple of stalks of corn were thrown in the air, but no damage was reported. The F/EF-0 tornado was estimated to have winds around 60 mph.

#### Event 111: August 23, 2011

The F/EF-0 tornado touched down near Briarton shortly before 6 pm CST along Shady Road in Shawano County just north of the Outagamie County line. Tall grass and a hay field were flattened in a cyclonic pattern. In addition, about a dozen trees had snapped limbed. Peak winds were estimated at 65 to 70 mph. The average path width was 50 yards.

#### Event 112: August 23, 2011

The F/EF-0 tornado touched down less than a mile northeast of Sherwood at 8:05 pm CST. The F/EF-0 tornado toppled two trees that damaged the roof of a house and snapped or uprooted six pine trees near Highway M. The tornado continued east-southeast moving over a swamp. Swirl marks were seen in the thick swamp grass. The tornado then hit a farm on Kesler Road. Two old barns were heavily damaged. Peak winds were estimated at 85 mph with an average width of 75 yards.

#### GREEN BAY FORECAST AREA TORNADOES

Event 113: May 24, 2012

The F/EF-0 tornado formed 3.7 miles south southeast of Marathon at 601 pm CST and rapidly move northeast before dissipating 4.8 miles east northeast of Marathon at 6:07 pm. About 100 trees sustained large broken branches or were snapped by the tornado. No structures were damaged. The average path width was 50 yards.



Event 114: August 9, 2012

The F/EF-0 waterspout was reported by a trained spotter over Lake Michigan six miles south of Kewaunee between 12:10 pm and 12:20 pm CST. An upper level trough of low pressure rotated through Wisconsin, resulting in numerous showers and thunderstorms. Cold air aloft associated with the trough, coupled with the warm waters of Lake Michigan provided favorable conditions for the development of waterspouts.

#### Event 115: August 9, 2012

The F/EF-0 waterspout was reported by a trained spotter over Lake Michigan six miles south of Kewaunee between 12:25 pm and 12:35 pm CST. An upper level trough of low pressure rotated through Wisconsin, resulting in numerous showers and thunderstorms. Cold air aloft associated with the trough, coupled with the warm waters of Lake Michigan provided favorable conditions for the development of waterspouts.

#### **Event 116: September 18, 2012**

A brief (F/EF-0) waterspout was observed on the waters of the Bay of Green Bay three miles west of Sister Bay around 5:01 pm CST. The time of the event was estimated based on the time of 911 calls. A strong upper level trough and cold air aloft produced conditions favorable for waterspout formation on the waters of Green Bay.

#### Event 117: July 9, 2013

A tornado (F/EF-0) touched down 0.5 NE of Schultz, or about six miles south of Irma in Lincoln County at 1:59 pm CST. The tornado moved east for about 4.1 miles and was 100 yards wide (average width was 75 yards). A few trees and power lines were knocked down. The tornado dissipated 3.9 miles west of Bloomville at 2:04 pm CST.

#### GREEN BAY FORECAST AREA TORNADOES

#### Event 118: July 9, 2013

A tornado (F/EF-0) touched down 10.8 miles south of Parrish in Langlade County (near the Lincoln / Langlade County line) around 2:32 pm CST. The tornado traveled east for about nine and a half miles, although the tornado track was not continuous. The maximum width of the tornado was 100 yards, with an average width of 75 yards. The tornado damage was to trees and tree limbs. The tornado dissipated 3.1 miles west of Deerbrook at 2:56 pm CST.

#### Event 119: July 9, 2013

A tornado (F/EF-0) touched down 4.2 miles south of Bancroft in Portage County around 4:44 pm CST in an open field just west of Interstate 39. The tornado was observed by a storm spotter and did no damage. The maximum width was 25 yards and traveled less than two tenths of a mile before dissipating at 4:45 pm CST.

### Event 120: July 9, 2013

A tornado (F/EF-0) touched down about four and a half miles north northeast of Oconto in Oconto County at 6:40 pm CST. The tornado was observed by an eyewitness just east of Highway 41 near Swede Town Road and County Road A. The tornado moved east for about a mile and half toward the bay before dissipating at 6:54 pm CST. Dozens of trees were snapped and uprooted, and also blew over a recreational vehicle trailer along its path. The maximum width of the tornado was one hundred yards with an average width of seventy-five yards.

#### Event 121: July 27, 2014

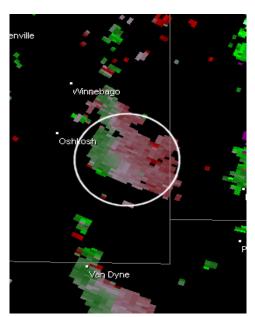
A very weak and brief waterspout formed around 6:05 pm CST under a rain shower over southern Lake Winnebago, about 5 miles southeast of Oshkosh. The waterspout (photo below) was on the water for a just a few seconds and then dissipated. The parent funnel was seen by hundreds of people across the area. No damage occurred.



Allenville

Winnebagor

Osokostr



Photograph submitted to NWS.

Radar image: Green Bay radar.

Velocity image: Green Bay radar.

#### GREEN BAY FORECAST AREA TORNADOES

#### Event 122: August 18, 2014

A tornado developed around 3:23 pm CST, causing minor damage as it moved east near Shady Lane a little over three miles northeast of Winchester in northern Winnebago County. The weak tornado EF-0 caused two single wood power poles to partially lean in saturated soil and knocked over a few trees and limbs. Swirl marks could be seen in a field of tall grass. The tornado was not in contact with the ground during the entire path length (a little over two miles). The maximum width of the tornado was 50 yards with estimated winds of 65 to 75 mph before dissipating around 3:25 pm CST.

#### Event 123: May 17, 2015

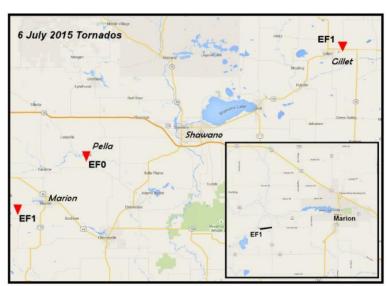
The F/EF-0 tornado touched down at 2:31 pm CST just over a mile and a half west-southwest of Morgan in Shawano County. The tornado produced intermittent damage along a nearly five mile long path, dissipating at 2:40 pm CST just over three miles northeast of Morgan. At least a dozen trees along the path sustained damaged and a barn lost several shingles. The tornado had a maximum width of 75 yards.

#### Event 124: June 15, 2015

A weak F/EF-0 tornado touched down at 2:31 pm CST a mile and a half north-northwest of Glenmore in Brown County. The tornado traveled just over a quarter of a mile and was 25 yards wide before the tornado dissipated 1.4 miles north-northwest of Glenmore. A swing set was toppled and a small metal shed was pushed twenty feet.

#### Event 125: July 6, 2015

An F/EF-0 tornado touched down at 4:03 pm CST just over a mile east of the Pella Airport in Shawano County. The tornado travelled nearly a tenth of a mile and was 25 yards wide before dissipating at 4:04 pm CST. The tornado tore off part of a barn and sent wooden pallets into a nearby field. This was one of three tornadoes that touched down in northeast Wisconsin on this date. What was unusual about this event was there was no thunder noted with the tornadoes (very rare!). The radar image shows in the intense rotation west of Marion.



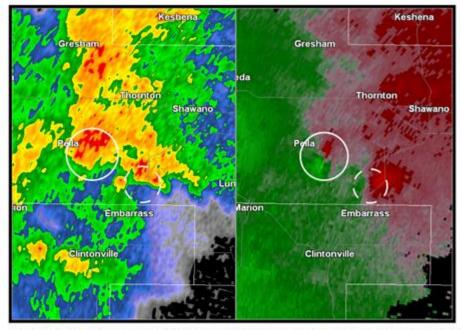
Preliminary Tornado Map (above). Red triangles denote <u>approximate</u> location of brief tornado touchdowns. Inset above denotes the location of the EF1 tornado west of Marion, Wisconsin.

Tomado	Begin	End	Path
Marion EF1	4:38 PM, 3 W Marion	4:40 PM, 2.6 W Marion	Length: 0.4 mi Width: 75 yards
Pella EF0	5:03 PM, 2 E Pella	5:03 PM, 2 E Pella	Length: 0.1 mi Width: 25 yards
Gillett EF1	5:56 PM, 2 E Gillett	6:03 PM, 3 ENE Gillett	Length: 2.2 mi Width: 50 yards

#### **GREEN BAY FORECAST AREA TORNADOES**

# Event 126: July 6, 2015 continued

As this cell continued to move northeast into Shawano County, it produced another very weak tornado (EFO) that briefly touched down near Pella in central Shawano County around 5 pm CDT (denoted by the white circle in the image below. The dashed circle in the image below denotes a new circulation associated with a different cell that was developing to the southeast of the Pella (just north of Embarrass).



Radar reflectivity (above left) and velocity image (above right) associated with brief tomado touchdown near Pella (denoted by solid circle in the image above). Dashed circle denotes a new circulation that eventually produces a tornado near Gillett about 50 minutes later.

fere are some damge photos from the Pella tornado:

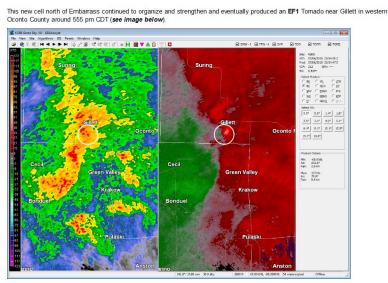




#### **GREEN BAY FORECAST AREA TORNADOES**

#### Event 126: July 6, 2015

An F/EF-0 tornado touched down at 4:56 pm CST 2.2 miles east-northeast of Gillett in Oconto County. The tornado travelled two and a quarter miles and was 50 yards wild before dissipating 2.6 miles south-southwest of Kelly Brook at 5:03 pm CST. The tornado uprooted or snapped at least twenty trees and caused minor damage to a house.



Radar reflectivity (above left) and velocity (above right) denoting the location of the storm that produced an EF1 tornado near Gillett around 555 pm CDT

